Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 22 May 2023 until 23:59 on Tuesday 23 May 2023

Forecast Issued on Sunday 21 May 2023 at 13:31

Confidence: High for mostly settled conditions, lower for shower and cloud details.

Headline for Monday 22 May 2023: A sunny start, cloudier through the afternoon with one or two showers possible later on.

Mountain weather hazards on Monday 22 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	20%	30%	10%

Forecast for Monday 22 May 2023

Weather: Clear skies overnight lead to a bright and sunny start, before cloud pushes in from the west through the morning. Still plenty of sunny spells at first, but generally clouding over for the afternoon, with a few light showers possible. A few late sunny spells may develop as cloud clears into the evening.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: After a clear start, cloud increases through the morning, with bases perhaps brushing across the highest peaks of the park during the late afternoon. Visibility generally very good to excellent, perhaps dipping briefly in showers or any low cloud that covers any summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 22 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 NE	10/14 NE	10/15 N	11/16 N	10/16 N	10/15 NW	12/18 N	12/19 NE	10/14 NE
300	6/12 NE	5/8 NE	5/8 N	9/14 NW	9/15 NW	10/16 NW	9/16 N	10/19 NE	6/11 NE
Valley	4/10 E	3/5 N	3/10 N	6/12 NW	7/13 NW	8/16 NW	7/16 N	11/22 NE	5/12 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	9/6	12/10	14/12	14/12	12/10	8/5	7/4
300	10/8	9/8	11/10	14/12	17/15	16/14	14/13	11/9	9/8
Valley	8/8	7/6	10/10	15/14	18/17	17/16	15/14	12/10	10/9
Freezing Level*	1600m	1700m	1900m	2100m	2200m	2300m	2400m	2100m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High levels of UV are forecast, so carrying extra sun protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 21 May 2023	0mm	2.4mm	4.2mm

Forecast for Tuesday 23 May 2023

Weather: Cloudy overnight and to start the morning, before breaking to give plenty of sunny spells. More prolonged spells of sunshine through the afternoon and evening.

Maximum wind: Northwesterly 8-12 mph, gusting up to 20 mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Cloud though the morning should stay above the summits. Very good or excellent visibilities expected.

Temperature: **Valleys:** Plus 8 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 11 Celsius.
Freezing level: Above summits.

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